DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1.   A request for continued examination under 37 CFR 1.114, including the fee set

forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this

application is eligible for continued examination under 37 CFR 1.114, and the fee set

forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action

has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on

12/29/2011 has been entered.

Drawings

2.   The drawings were received on 06/10/2008. These drawings are acknowledged /

accepted.

EXAMINER'S AMENDMENT

3.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

        Authorization for this examiner's amendment was given in a telephone interview

with Theodosios Kountotsis (Reg. No. 54,238) on 01/13/2012.

The application has been amended as follows:

        <u>**In the Claims:**</u>

1. (Currently Amended) A method of operating a packet data multicast communication

system comprising a first station and a plurality of second stations, the first and second

stations having transceiving equipment for communication between the first and second

stations, the method comprising:

the first station transmitting a data packet and at least one of the plurality of the

second stations receiving the data packet, wherein the at least one of the plurality of the

second stations measuring the quality of reception of the received data packet, and

determining at the plurality of second stations into which one of at least three

predetermined quality ranges the measured quality falls,

formulating response types based on the determined quality range;

evaluating at the first station a relation between the response types and

forming a correspondence to at least two non-contiguous ones of the quality ranges

based on the relation; and

adopting at the first station a respective subsequent transmitter behaviour

based on the correspondence;

~~wherein the first station adopts a respective subsequent transmitter behaviour~~

~~in response to each of the at least three predetermined qua-lity ranges~~,

wherein the subsequent transmitter behaviour corresponding to at least two

non-contiguous ones of the quality ranges is identical,

wherein the subsequent transmitter behaviour includes adjusting at least one

transmitter parameter of the first station such that the at least one transmitter parameter

corresponding to the at least two non-contiguous ones of the quality ranges is identical;

and

wherein the data packets falling into one quality range ~~directly~~ influence

concurrent or subsequent retransmission decisions regarding the data packets falling

into another quality range.

15. (Currently Amended) A packet data multicast communication system

Comprising<u>:</u>

a first station and a plurality of second stations, the first and second stations

having transceiving equipment for communication between the first and second

stations, the first station having means for transmitting data packet, and the second

stations having means for receiving the data packet,

wherein the second stations ~~having~~ <u>include:</u>

means for measuring the quality of reception,

means for determining, <u>at the plurality of second stations</u>, into which one of at

least three predetermined quality ranges the measured quality falls, <u>response types</u>

<u>based on the determined quality range, and a relation between the response types for</u>

<u>forming a correspondence to at least two non-contiguous ones of the quality ranges</u>

<u>based on the relation; and</u> ~~and in that the first station has means for adopting a~~

~~respective subsequent transmitter behaviour in response to each of the at least three~~

~~predetermined quality ranges, the subsequent transmitter behaviour corresponding to at~~

~~least two non-nontiguous ones of the quality ranges being identical, and~~

<u>means for adopting at the first station a respective subsequent transmitter</u>

<u>behaviour based on the correspondence;</u>

wherein the subsequent transmitter behaviour corresponding to at least two

noncontiguous ones of the quality ranges is identical;

wherein the subsequent transmitter behaviour includes adjusting at least one

transmitter parameter of the first station such that the at least one transmitter parameter

corresponding to the at least two non-contiguous ones of the quality ranges is identical,

and

wherein the data packets falling into one quality range ~~directly~~ influence

concurrent or subsequent retransmission decisions regarding the data packets falling

into another quality range.

19. (Currently Amended) A second station for use in a packet data multicast

communication system, said communication system comprising a first station and a

plurality of second stations,

~~a first station and a plurality of second stations,~~ the second station having:

transceiving equipment for communication between the first and second stations

and means for receiving a data packet transmitted by the first station,

wherein the second station ~~having~~ further includes:

means for measuring the quality of reception,

means for determining, at the plurality of second stations, into which one of at

least three predetermined quality ranges the measured quality falls, response types

based on the determined quality range, and a relation between the response types for

forming a correspondence to at least two non-contiguous ones of the quality ranges

based on the relation; and ~~and by means for determining into which one of at least three~~

~~predetermined quality ranges the measured quality falls, wherein each of the at least~~

~~three predetermined quality ranges station represents a respective subsequent~~

~~transmitter behaviour of the first station and wherein the subsequent transmitter~~

~~behaviour corresponding to at least two non-contiguous ones of the quality ranges is~~

~~identical, and~~

means for adopting at the first station a respective subsequent transmitter

behaviour based on the correspondence;

wherein the subsequent transmitter behaviour corresponding to at least two

noncontiguous ones of the quality ranges is identical;

wherein the subsequent transmitter behaviour includes adjusting at least one

transmitter parameter of the first station such that the at least one transmitter parameter

corresponding to the at least two non-contiguous ones of the quality ranges is identical,

and

wherein the data packets falling into one quality range ~~directly~~ influence

concurrent or subsequent retransmission decisions regarding the data packets falling

into another quality range.

Allowable Subject Matter

4.   In view of amended claims and further search, Claims 1-20 are allowed.

5.   The following is an examiner's statement of reasons for allowance: Claims 1-20

are allowed for the reasons as set forth in applicant's response filed on 12/05/2011.

        Any comments considered necessary by applicant must be submitted no later than

the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Conclusion

        Any inquiry concerning this communication or earlier communications from the

examiner should be directed to BABAR SARWAR whose telephone number is

(571)270-5584. The examiner can normally be reached on MONDAY TO FRIDAY

08:00 AM -04:00 PM.

        If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, NICK CORSARO can be reached on (571)272-7876. The fax phone

number for the organization where this application or proceeding is assigned is 571-

273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

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you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/BABAR SARWAR/
Examiner, Art Unit 2617

/NICK CORSARO/
Supervisory Patent Examiner, Art Unit 2617